

FIGURE 1

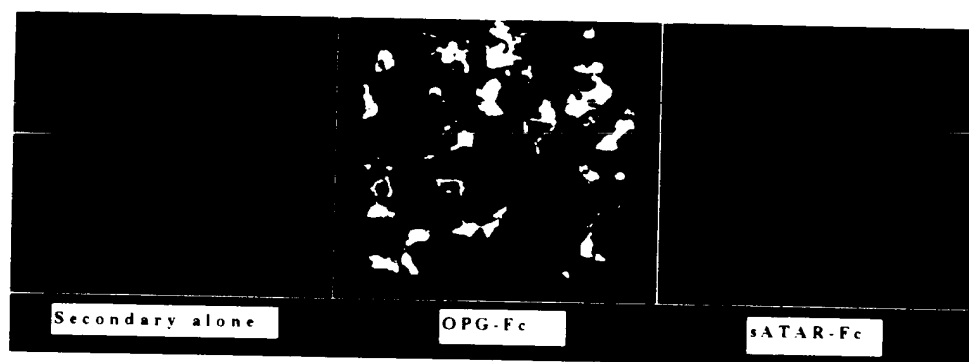
GAGCTCGGAT CCACTACTCG ACCCAGCGGT CCGGCCAGGA CCTCTGTGAA CCGSTCGGG	60
CGGGGGCCGC CTGGCCGGGA GTCTGCTCGG CGGTGGGTGG CCGAGGAAGG GAGAGAACGA	120
TCGCGGAGCA GGGCGCCCGA ACTCCGGGCG CCGCGCC ATG CGC CGG GCC AGC CGA	175
Met Arg Arg Ala Ser Arg	
1 5	
GAC TAC GGC AAG TAC CTG CGC AGC TCG GAG GAG ATG GGC AGC GGC CCC	223
Asp Tyr Gly Lys Tyr Leu Arg Ser Ser Glu Glu Met Gly Ser Gly Pro	
10 15 20	
GGC GTC CCA CAC GAG GGT CCG CTG CAC CCC GCG CCT TCT GCA CCG GCT	271
Gly Val Pro His Glu Gly Pro Leu His Pro Ala Pro Ser Ala Pro Ala	
25 30 35	
CCG GCG CCG CCA CCC GCC GGC TCC CGC TCC ATG TTC CTG GCC CTC CTG	319
Pro Ala Pro Pro Pro Ala Ala Ser Arg Ser Met Phe Leu Ala Leu Leu	
40 45 50	
GGG CTG GGA CTG GGC CAG GTG GTC TGC AGC ATC GCT CTG TTC CTG TAC	367
Gly Leu Gly Leu Gly Gln Val Val Cys Ser Ile Ala Leu Phe Leu Tyr	
55 60 65 70	
TTT CGA GCG CAG ATG GAT CCT AAC AGA ATA TCA GAA GAC AGC ACT CAC	415
Phe Arg Ala Gln Met Asp Pro Asn Arg Ile Ser Glu Asp Ser Thr His	
75 80 85	
TGC TTT TAT AGA ATC CTG AGA CTC CAT GAA AAC GCA GGT TTG CAG GAC	463
Cys Phe Tyr Arg Ile Leu Arg Leu His Glu Asn Ala Gly Leu Gln Asp	
90 95 100	
TCG ACT CTG GAG AGT GAA GAC ACA CTA CCT GAC TCC TGC AGG AGG ATG	511
Ser Thr Leu Glu Ser Glu Asp Thr Leu Pro Asp Ser Cys Arg Arg Met	
105 110 115	
AAA CAA GCC TTT CAG GGG GCC GTG CAG AAG GAA CTG CAA CAC ATT GTG	559
Lys Gln Ala Phe Gln Gly Ala Val Gln Lys Glu Leu Gln His Ile Val	
120 125 130	
GGG CCA CAG CGC TTC TCA GGA GCT CCA GCT ATG ATG GAA GGC TCA TGG	607
Gly Pro Gln Arg Phe Ser Gly Ala Pro Ala Met Met Glu Gly Ser Trp	
135 140 145 150	
TTG GAT GTG GCC CAG CGA GGC AAG CCT GAG GCC CAG CCA TTT GCA CAC	655
Leu Asp Val Ala Gln Arg Gly Lys Pro Glu Ala Gln Pro Phe Ala His	
155 160 165	
CTC ACC ATC AAT GCT GCC AGC ATC CCA TCG GGT TCC CAT AAA GTC ACT	703
Leu Thr Ile Asn Ala Ala Ser Ile Pro Ser Gly Ser His Lys Val Thr	
170 175 180	

FIGURE 1 (Con't)

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TCAAAACTAT GCAAGCAAAA TAAATAAATA AAAATAAAAT GAATACCTTG AATAATAAGT	1916
AGGATGTTGG TCACCAGGTG CCTTTCAAAT TTAGAAGCTA ATTGACTTTA GGAGCTGACA	1976
TAGCCAAAAA GGATACATAA TAGGCTACTG AAATCTGTCA GGAGTATTTA TGCAATTATT	2036
GAACAGGTGT CTTTTTTTAC AAGAGCTACA AATTGTAAAT TTTGTTTCTT TTTTTTCCCA	2096
TAGAAAATGT ACTATAGTTT ATCAGCCAAA AAACAATCCA CTTTTTAATT TAGTGAAAGT	2156
TATTTTATTA TACTGTACAA TAAAAGCATT GTCTCTGAAT GTTAATTTTT TGGTACAAAA	2216
AATAAATTTG TACGAAAACC TGAAAAAAAAA AAAAAAAAAA AAAAAAAGGG CGGCCGCTCT	2276
AGAGGGCCCT ATTCTATAG	2295

Expression of 32D-F3 in COS-7 Cells



OPG Binding Protein Expression in Human Tissues

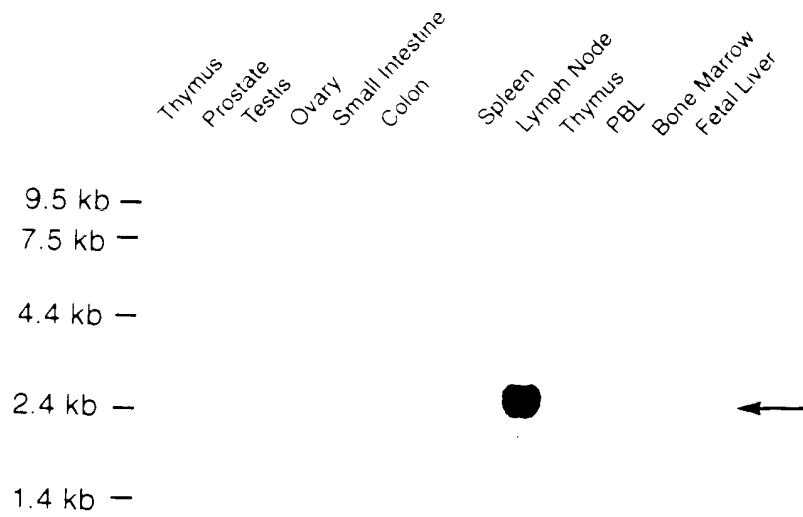
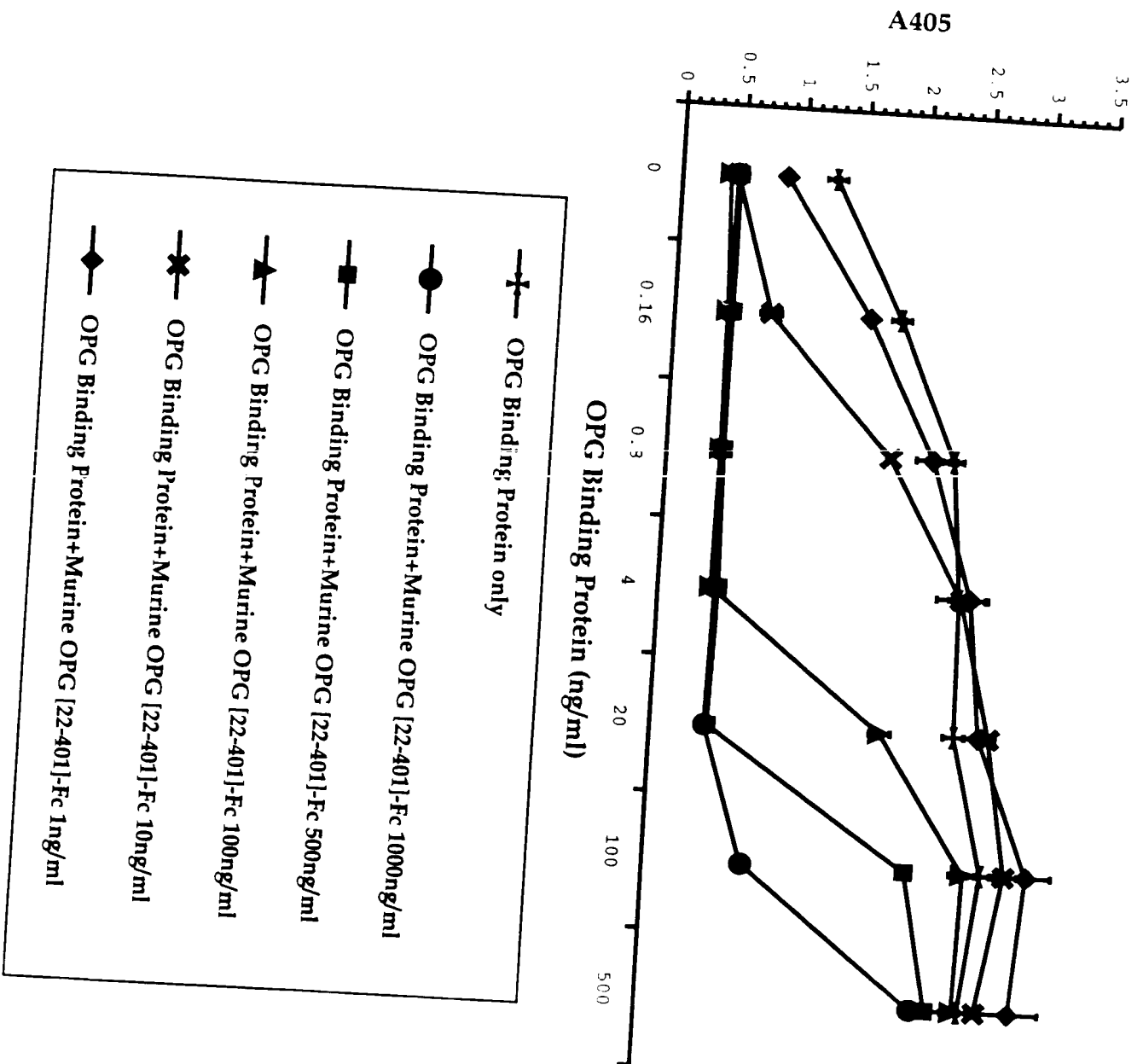


FIGURE 3

[illegible]

FIGURE 4 (Con't)

1390 1410 1430
 CCAGATGGGAGCAATTACGGCTTGACCTTATGAGAAACTGCATGTGGGCTATGGGAGGGG
 1450 1470 1490
 TTGGTCCCTGGTCATGTGCCCTTGCGAGCTGAAGTGGAGAGGGTGTATCTAGCGCAAT
 1510 1530 1550
 TGAAGGATCATCTGAAGGGGCAAAATCTTTGAATTGTACATCATGCTGGAACCTGCAA
 1570 1590 1610
 AAAATACTTTTCTAATGAGGAGAGAAAAATATATGTATTTTATATAATATCTAAAGTTA
 1630 1650 1670
 TATTTGAGATGTAATGTTTCTTTGCAAAATATTGTAAATTATATTTGTGCTATAGTATT
 1690 1710 1730
 TGATTCAAAATATTTAAAAATGTCTTGCTGTGACATATTTAATGTTTAAATGTACAGA
 1750 1770 1790
 CATATTTAACTGGTGCACCTTTGTAAATCCCTGGGGAAAACCTGCAGCTAAGGAGGGGAA
 1810 1830 1850
 AAAAATCTTGTTCCTAATATCAAAATGCAGTATATTTCTTCGTTCTTTTAAAGTTAATAG
 1870 1890 1910
 ATTTTTCATCACTTGTCAGCCTGTGCAAAAAAATTAAATGGATGCCTGAATAATAAG
 1930 1950 1970
 CAGGATGTTGGCCACCAAGTGCCTTTCAAAATTTAGAACTAATTTGACTTTAGAAAGCTGA
 1990 2010 2030
 CATTTGCCAAAAAGGATACATAATGGGCCACTGAAATCTGTCAAGAGTAGTTATATAATTG
 2050 2070 2090
 TTCAACACCTGTTTTTCCACAAGTGGCGCAAATTTGTACCTTTTFTTTTTCAAAAATAG
 2110 2130 2150
 AAAAGTTATTAGTGGTTTATCAGCAAAAAGTCCAATTTTAATTTAGTAAATGTTATCTT
 2170 2190 2210
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 2230 2250 2270
 TATGAAAAAAAAAAAAAGGGCGCCGCTCTAGAGGGCCCTATTCTATAG



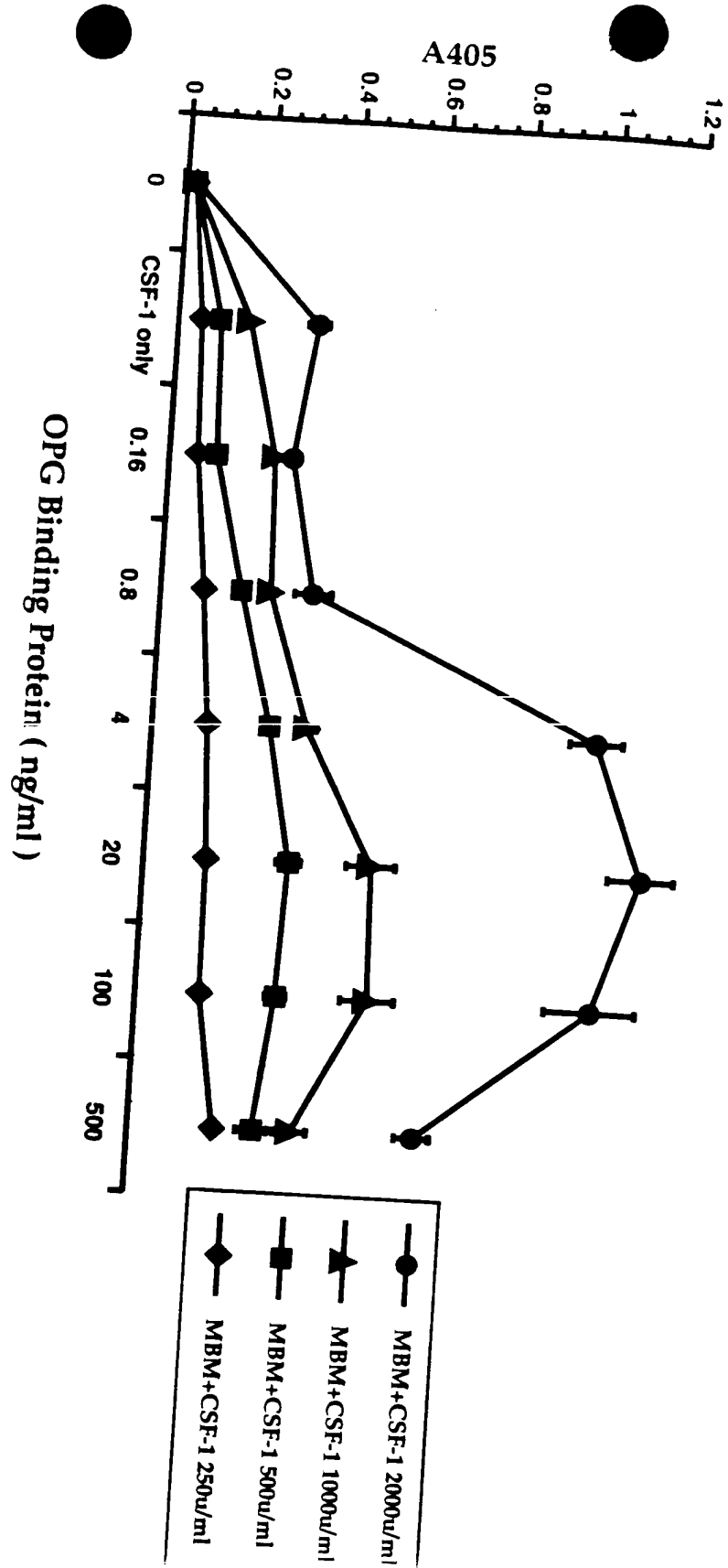
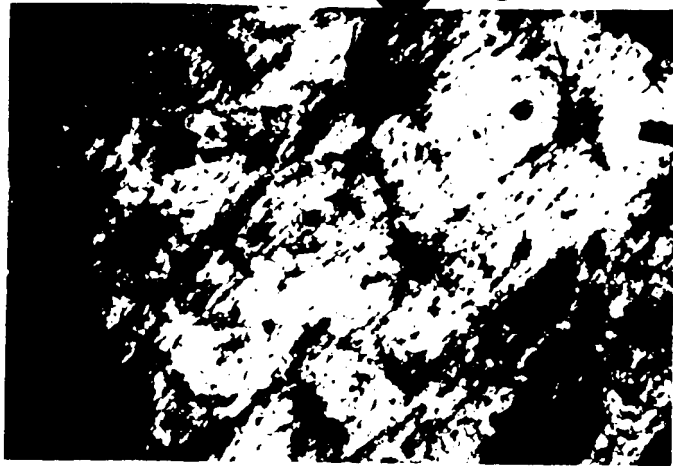
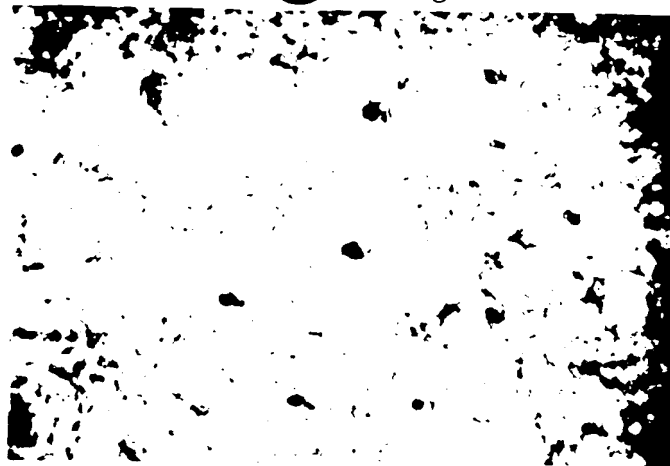


FIGURE 6

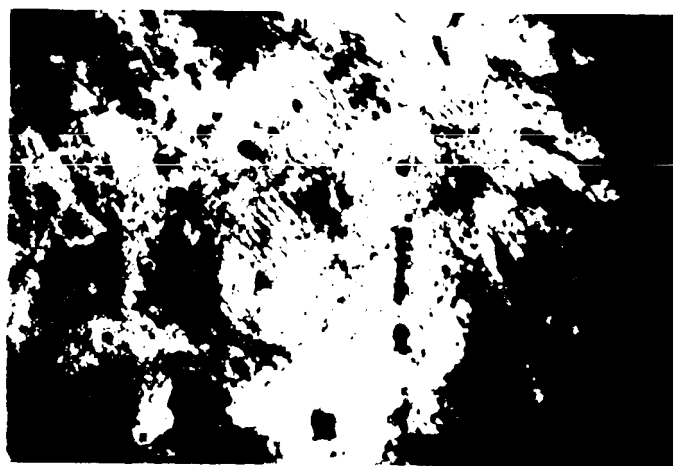
Toluidine Blue staining



Toluidine staining



Bone Marrow Cells + M-CSF-1



Bone Marrow Cells + OPG Binding Protein



Bone Marrow Cells + M-CSF-1 + OPG Binding Protein

FIGURE

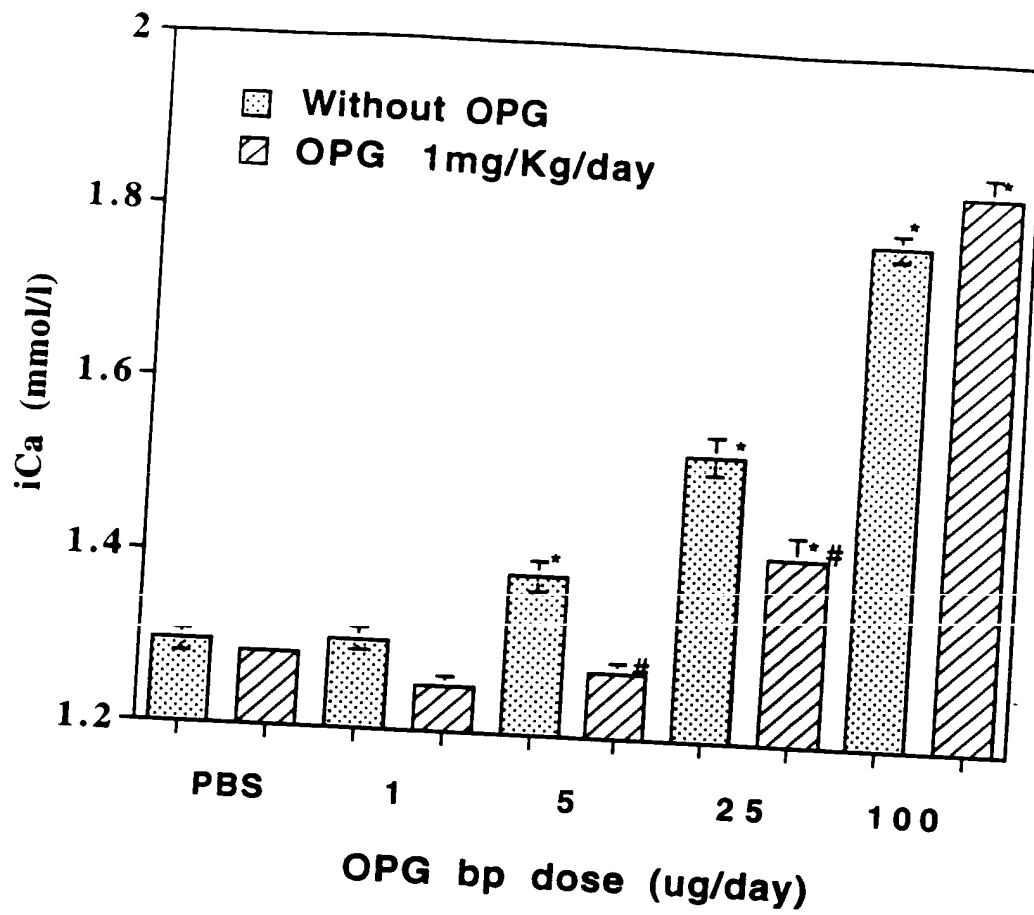
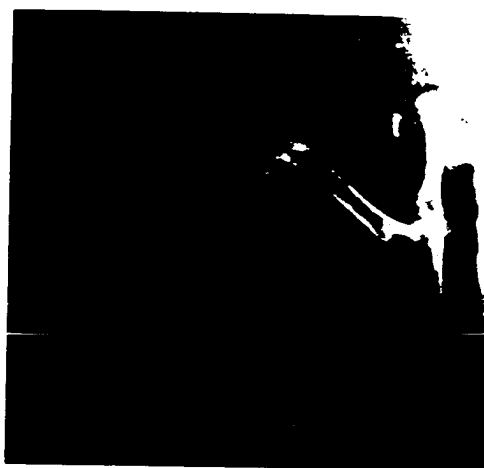


FIGURE 8

PBS



OPGbp 5ug/d



OPGbp 25ug/d



OPGbp100ug/d



FIGURE

Figure 10. Murine ODAR cDNA sequence

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FIGURE 10

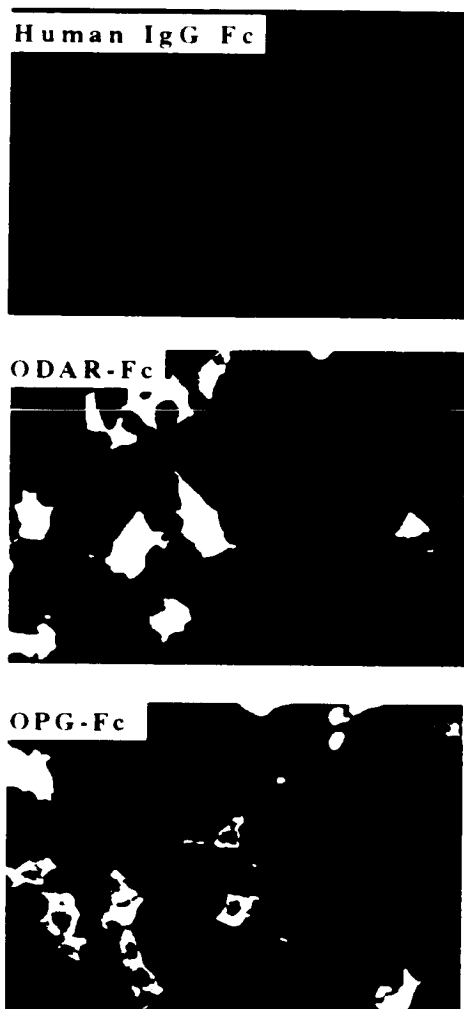


FIGURE 11

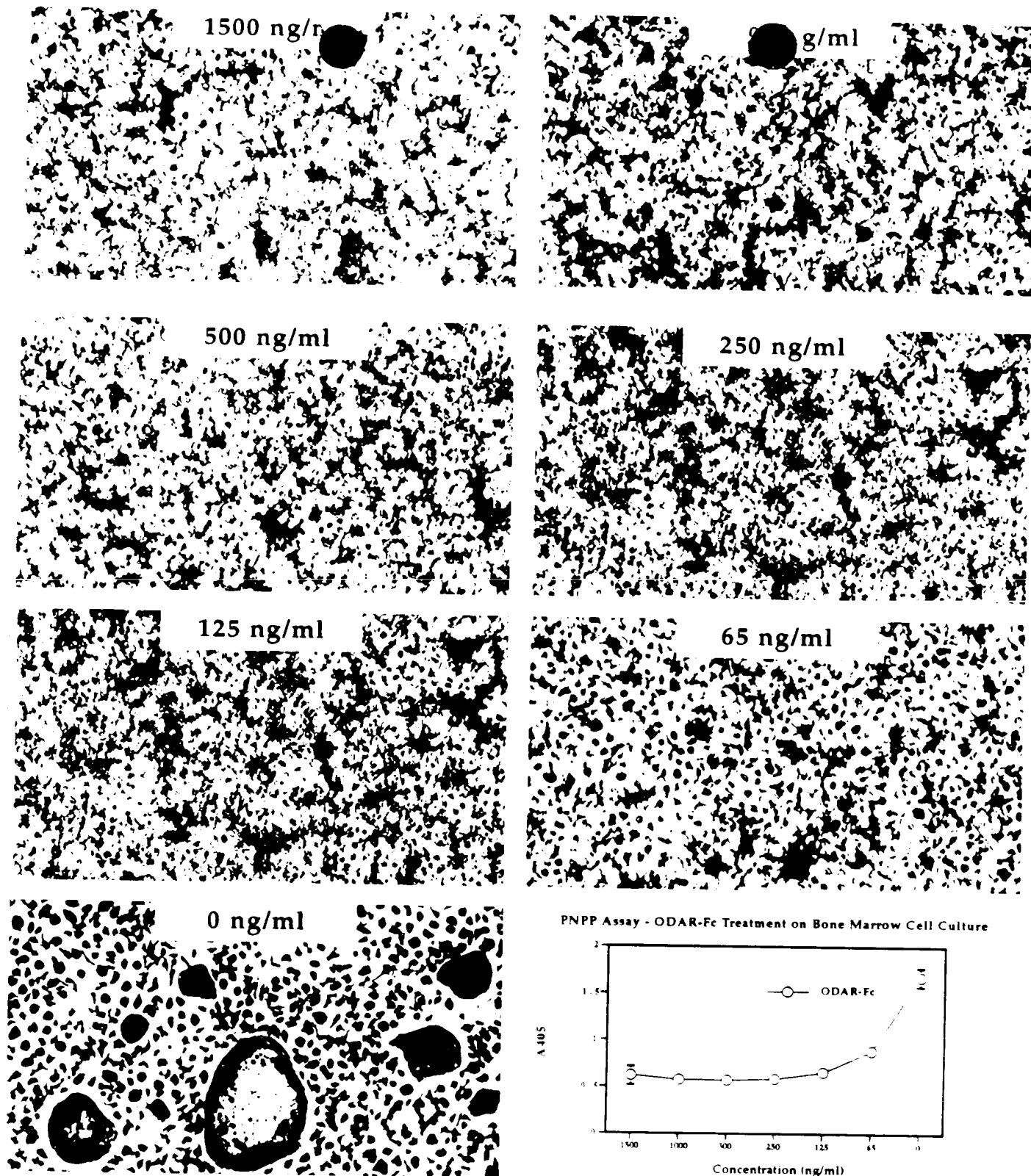
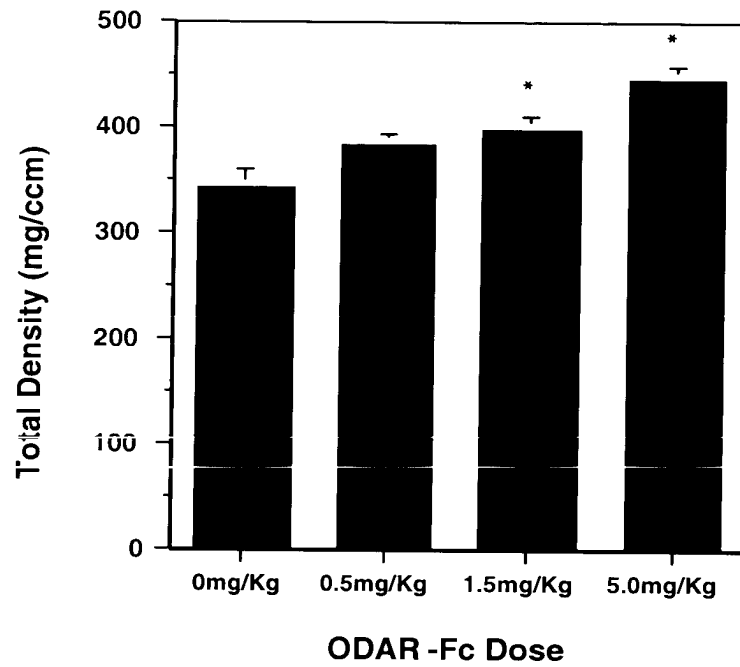


FIGURE 10

FIGURE 13



* Different to vehicle treated control $p < 0.05$.